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PID/IB-279/63
 11 October 1963
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MEMORANDUM FOR: Chief, Military-Economic Division, ORR

ATTENTION :

THROUGH :

SUBJECT :

REFERENCE :

- (1) Requirement No. C-RR3-80,637
 (2) Project No. C 1342/63

1. In response to the above references, a study of the Gorkiy Airframe Plant No. 21 was conducted using

2. Since the time of the last study (reported in CIA/PID Project No. C1236/62) construction activity is apparent although no new buildings have been erected. Grading is being accomplished adjacent to Building 34 (See line drawing and photo) and several of the storage type buildings in the area of Building 32 have been torn down. These actions indicate a modernization or consolidating program is underway.

3. Measurements were performed on all major and most minor buildings. The scale used in these computations was calculated independently by CIA/PID (NPIC) and CIA/TID (NPIC) and both divisions arrived at essentially the same value of 1:111,000. The results of the measurements are tabulated below and are keyed to the line drawing.

<u>BUILDING NO.</u>	<u>DESCRIPTION</u>	<u>AREA IN SQ. FEET</u>
1	Sub-assembly	274,525
2	Sub-assembly and Machine Shop	185,000
3	Machine Shop	52,500
4	Storage Building	15,000
5	Storage Building	27,000
6	Storage Building	15,900
7	Possible Administration Building	17,200
8	Machine Shop	74,000
9	Possible Administration Building	7,500
10	Sub-assembly Building	61,200

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SUBJECT: Gorkiy Airframe Plant No. 21, Gorkiy, USSR

<u>BUILDING NO.</u>	<u>DESCRIPTION</u>	<u>AREA IN SQ. FEET</u>
11	Machine Shop	216,000
12	Shop Building	76,000
13	Final Assembly Building	175,000
14	Sub-assembly and Shop	400,000
15	Storage Building	102,000
16	Storage Building	102,000
17	Probable Machine Shop	244,800
18	Probable Shop Building	64,600
19	Probable Shop Building	191,000
20	Possible Boiler House	60,400
21	Office Building	14,525
22	Probable Administration Building	13,875
23	Storage Building	9,100
24	Sub-assembly Building	90,000
25	Probable Foundry	49,500
26	Probable Forge and Shop	33,750
27	Probable Machine Shop	90,750
28	Shop Building	11,650
29	Machine Shop	45,000
30	Storage Building	3,850
31	Storage Building	3,850
32	Assembly of three storage Buildings	8,250 each
33	Storage Building	13,500
34	Shop Building	77,900
35	Storage Building	13,500
36	Storage Building	7,150
TOTAL AREA		2,824,375 sq. ft.



4. Because the KH-6 system used in this study allowed more refined measurements, it is believed the area figures presented here are more reliable than those in the previous study.

5. The scale and quality of did not permit identification of aircraft as to specific name. However, some aircraft were visible and were of fighter type. Both swept wing and straight wing aircraft were seen.

6. It is obvious that jet-powered aircraft are manufactured here since exhaust traces resulting from engine run-up are seen. These show up as thin bands of dead grass on the border between the factory grounds and the old fly-away field adjacent to building No. 2.

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7. This mission did not cover the old fly-away field completely and did not cover the new field at all.

8. The analyst assigned to this project was  who may be contacted on extension  should any questions arise concerning this project. This project is considered complete.

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ENCLOSURES:

- 1 Annotated Photo Enlargement (CIA/PID/IB-P-629/63)
- 1 Annotated Map (CIA/PID/IB-P-631/63)
- 1 Line drawing (CIA/PID/IB-P-630/63)



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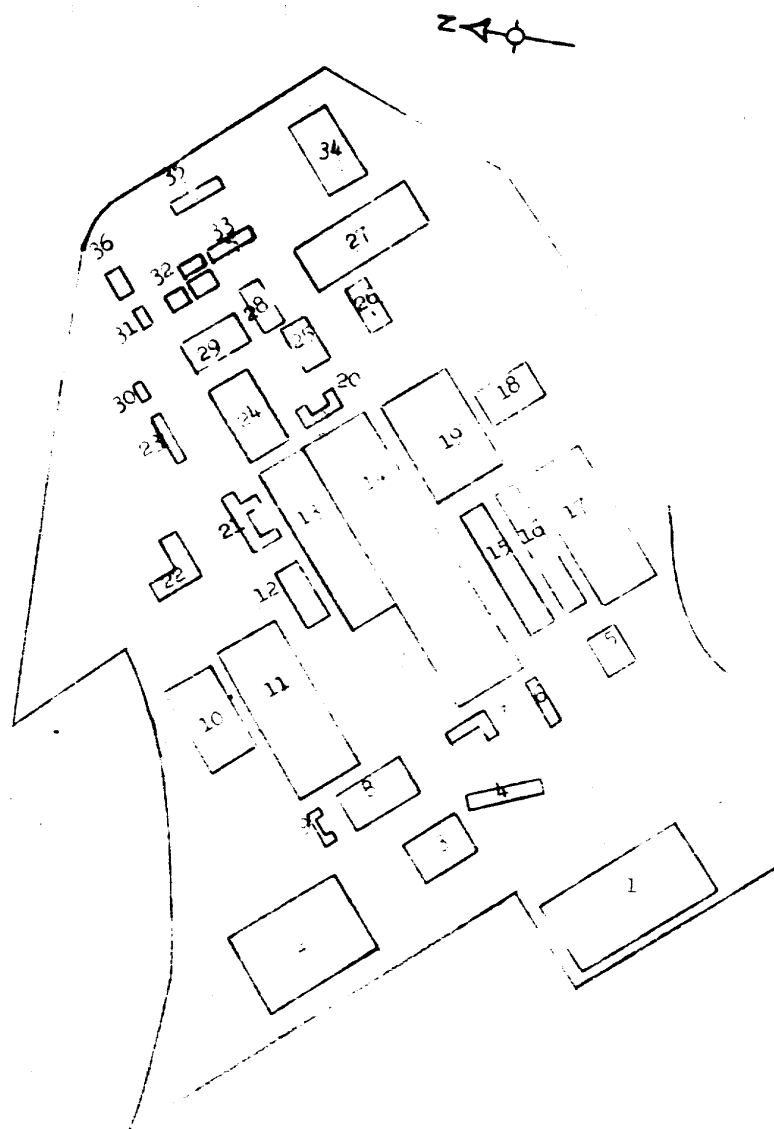
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GORKIY AIRFRAME PLANT NO. 1
GORKIY, USSR
50° 25' N - 44° 15' E

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GORKIY AIRFRAME PLANT NO. 21

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